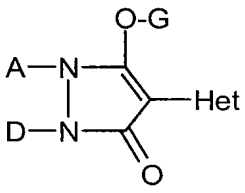
Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

1. (Cancelled)

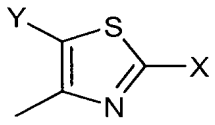
2. (Currently amended) A compound of formula (I)



(I),

in which

Het represents



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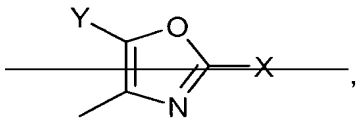
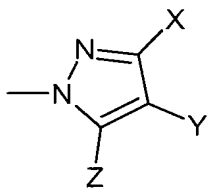
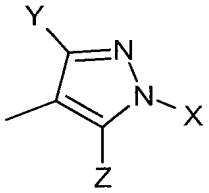


,

(I-1) ~~(I-2)~~



or



(I-3) (I-4)

X represents C_1-C_6-alkyl, C_1-C_4-haloalkyl, optionally halogen-, C_1-C_6-alkyl-, C_1-C_6-alkoxy-, C_1-C_4-haloalkyl-, C_1-C_4-haloalkoxy-, or nitro- or cyano-substituted phenyl;

Y represents hydrogen, C_1-C_6-alkyl, chlorine or bromine;

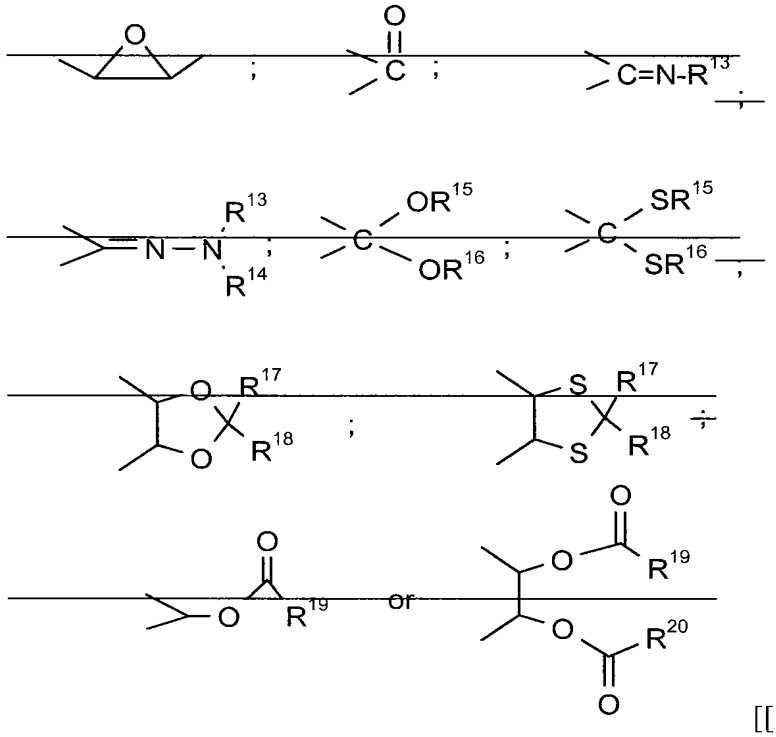
Z represents C_1-C_4-alkyl; ~~C_1-C_6-alkyl, hydroxyl, C_1-C_6-alkoxy, C_1-C_6-haloalkoxy; in each case optionally C_1-C_6-alkyl-, C_1-C_6-alkoxy-, halogen-, C_1-C_4-haloalkyl-, C_1-C_6-haloalkoxy-; cyano- or nitro-substituted phenyl-C_1-C_2-alkyloxy or hetaryl-C_1-C_2-alkyloxy; or optionally C_1-C_2-alkyl- or halogen-substituted C_3-C_6-cycloalkyl;~~

A represents ~~hydrogen; in each case optionally halogen-substituted~~ C_1-C_4-alkyl; ~~C_1-C_6-alkyl, C_1-C_6-alkenyl or C_1-C_4-alkoxy-C_1-C_3-alkyl;~~

D represents ~~hydrogen; in each case optionally halogen-substituted~~ C_1-C_4-alkyl; ~~C_1-C_{12}-alkyl, C_3-C_8-alkenyl, C_3-C_8-alkynyl, C_1-C_{10}-alkoxy-C_1-C_8-alkyl, poly-C_1-C_8-alkoxy-C_1-C_8-alkyl, C_1-C_{10}-alkylthio-C_2-C_8-alkyl; optionally halogen-, C_1-C_4-alkyl-, C_1-C_4-haloalkyl-, C_1-C_4-alkoxy- or C_1-C_4-haloalkyl-substituted C_3-C_8-cycloalkyl in which optionally one ring member is replaced by oxygen or sulfur; or in each case optionally halogen-, C_1-C_6-alkyl-, C_1-C_6-haloalkyl-, C_1-C_6-alkoxy-, C_1-C_6-haloalkoxy-, cyano- or nitro-substituted phenyl, hetaryl having 5 or 6 ring atoms, phenyl-C_1-C_6-alkyl or hetaryl-C_1-C_6-alkyl having 5 or 6 ring atoms;~~ or

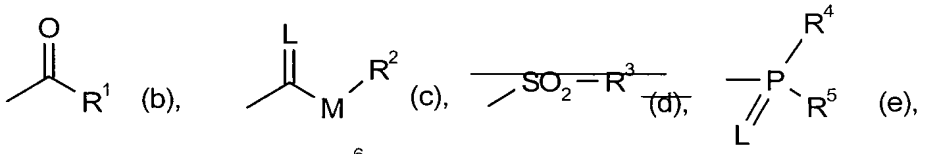
A and D together represent ~~in each case optionally substituted C_3-C_5-alkanediyl C_3-C_6-alkanediyl or~~ C_3-C_5-alkanediyl ~~C_3-C_6-alkenediyl~~ in which optionally one methylene group is replaced by ~~nitrogen,~~ oxygen ~~or sulfur, each optionally substituted with~~

~~halogen, hydroxyl, mercapto; or in each case optionally halogen-substituted C_1-C_{10}-alkyl, C_1-C_6-alkoxy, C_1-C_6-alkylthio, C_3-C_7-cycloalkyl, phenyl or benzyloxy; or a further C_3-C_6-alkanediyl grouping, C_3-C_6-alkenediyl grouping or a butadienyl grouping which is optionally substituted by C_1-C_6-alkyl or which optionally contains one of the following groups:~~

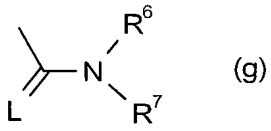


[[,]]

G represents hydrogen (a) or



~~E (f)~~ or



(g)

in which

~~E represents a metal ion equivalent or an ammonium ion;~~

L represents oxygen or sulfur;

M represents oxygen ~~or sulfur~~;

R^1 represents C_1-C_4-alkyl; ~~in each case optionally halogen-substituted C_1-C_{20}-alkyl, C_2-C_{20}-alkenyl, C_1-C_8-alkoxy-C_1-C_8-alkyl, C_1-C_8-alkylthio-C_1-C_8-alkyl, poly-C_1-C_8-alkoxy-C_1-C_8-alkyl or optionally halogen-, C_1-C_6-alkyl- or C_1-C_6-alkoxy-substituted C_3-C_8-cycloalkyl in which optionally one or more not directly adjacent ring members are replaced by oxygen and/or sulfur;~~

~~optionally halogen-, cyano-, nitro-, C_1-C_6-alkyl-, C_1-C_6-alkoxy-, C_1-C_6-haloalkyl-, C_1-C_6-haloalkoxy-, C_1-C_6-alkylthio- or C_1-C_6-alkylsulfonyl-substituted phenyl;~~

~~optionally halogen-, nitro-, cyano-, C_1-C_6-alkyl-, C_1-C_6-alkoxy-, C_1-C_6-haloalkyl- or C_1-C_6-haloalkoxy-substituted phenyl-C_1-C_6-alkyl;~~

~~optionally halogen-, C_1-C_6-alkyl-, C_1-C_2-haloalkyl- or C_1-C_4-alkoxy-substituted 5- or 6-membered hetaryl;~~

~~optionally halogen- or C_1-C_6-alkyl-substituted phenoxy-C_1-C_6-alkyl; or~~

~~optionally halogen-, amino- or C_1-C_6-alkyl-substituted 5- or 6-membered hetaryloxy-C_1-C_6-alkyl;~~

R^2 represents C_1-C_4-alkyl; ~~in each case optionally halogen-substituted C_1-C_{20}-alkyl, C_2-C_{20}-alkenyl, C_1-C_8-alkoxy-C_2-C_8-alkyl, poly-C_1-C_8-alkoxy-C_2-C_8-alkyl;~~

~~optionally halogen-, C_1-C_6-alkyl- or C_1-C_6-alkoxy-substituted C_3-C_8-cycloalkyl in which optionally one ring atom is replaced by oxygen; or~~

~~in each case optionally halogen-, cyano-, nitro-, C_1-C_6-alkyl-, C_1-C_6-alkoxy-, C_1-C_6-haloalkyl- or C_1-C_6-haloalkoxy-substituted phenyl or benzyl,~~

~~R^3 represents optionally halogen-substituted C_1-C_8-alkyl; or in each case optionally halogen-, C_1-C_6-alkyl-; C_1-C_6-alkoxy-, C_1-C_4-haloalkyl-, C_1-C_4-haloalkoxy-, cyano- or nitro-substituted phenyl or benzyl;~~

R^4 and R^5 independently of one another represent ~~in each case optionally halogen-substituted C_1-C_8-alkyl, C_1-C_8-alkoxy~~ C_1-C_4-alkoxy [[,]]; ~~C_1-C_8-alkylamino, di(C_1-C_8-alkyl)amino, C_1-C_8-alkylthio, C_2-C_8-alkenylthio, C_3-C_7-cycloalkylthio; or represent in each case optionally halogen-, nitro-, cyano-, C_1-C_4-alkoxy-, C_1-C_4-haloalkoxy-, C_1-C_4-alkylthio-, C_1-C_4-haloalkylthio-, C_1-C_4-alkyl- or C_1-C_4-haloalkyl-substituted phenyl, phenoxy or phenylthio;~~

R^6 and R^7 independently of one another represent hydrogen; ~~in each case optionally halogen-substituted~~ C_1-C_4-alkyl; ~~C_1-C_8-alkyl, C_3-C_8-cycloalkyl, C_1-C_8-alkoxy, C_3-C_8-alkenyl, C_1-C_8-alkoxy-C_1-C_8-alkyl; optionally halogen-, C_1-C_8-haloalkyl-, C_1-C_8-alkyl- or C_1-C_8-alkoxy-substituted phenyl; optionally halogen-, C_1-C_8-alkyl-, C_1-C_8-haloalkyl- or C_1-C_8-alkoxy-substituted benzyl or together represent an optionally C_1-C_4-alkyl-substituted C_3-C_6-alkylene radical in which optionally one carbon atom is replaced by oxygen or sulfur;~~ .

~~R^{13} represents in each case optionally halogen-substituted C_1-C_4-alkyl or C_1-C_4-alkoxy; or in each case optionally C_1-C_2-alkyl- or C_1-C_2-alkoxy-substituted cyclopropyl or cyclohexyl;~~

~~R^{14} represents hydrogen or C_1-C_8-alkyl; or~~

~~R^{13} and R^{14} together represent C_4-C_6-alkanediyl;~~

~~R^{15} and R^{16} are identical or different and represent C_1-C_4-alkyl; or~~

~~R^{15} and R^{16} together represent a C_2-C_4-alkanediyl radical which is optionally mono- or disubstituted by C_1-C_4-alkyl;~~

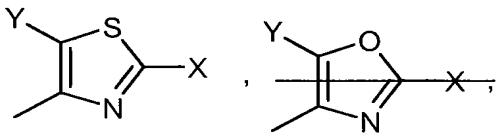
~~R^{17} and R^{18} independently of one another represent hydrogen; optionally halogen-substituted C_1-C_6-alkyl or represent optionally halogen-, C_1-C_6-alkyl-, C_1-C_6-alkoxy-, C_1-C_4-haloalkyl-, C_1-C_4-haloalkoxy-, nitro- or cyano-substituted phenyl; or~~

~~R^{17} and R^{18} together with the carbon atom to which they are attached represent a carbonyl group; or optionally C_1-C_2-alkyl- or C_1-C_2-alkoxy-substituted C_5-C_7-cycloalkyl in which optionally one methylene group is replaced by oxygen or sulfur; and~~

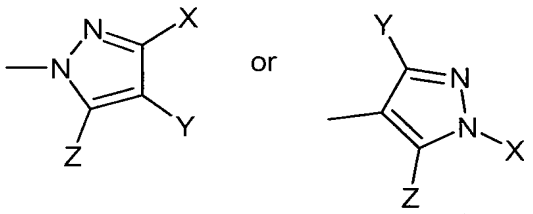
~~R^{19} and R^{20} independently of one another represent C_1-C_4-alkyl, C_2-C_4-alkenyl, C_1-C_4-alkoxy, C_1-C_4-alkylamino, C_3-C_4-alkenylamino, di-(C_1-C_4-alkyl)amino or di-(C_3-C_4-alkenyl)amino.~~

3. (Currently amended) The compound of the formula (I) as claimed in claim 2 in which

Het represents



(I-1) ~~(I-2)~~



(I-3) (I-4)

X represents C_1-C_4-alkyl, C_1-C_2-haloalkyl; phenyl which is optionally mono- to trisubstituted by fluorine, chlorine, bromine, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_2-haloalkyl, C_1-C_2-haloalkoxy, nitro or cyano,

Y represents hydrogen, C_1-C_4-alkyl or, ~~in the case of Het (I-1) and (I-3), also represents~~ chlorine or bromine;

Z represents C_1-C_4-alkyl, ~~C_1-C_4-alkoxy, C_1-C_4-haloalkoxy; or benzyloxy or hetarylmethyloxy having 5 or 6 ring atoms, each of which radicals is optionally mono- or disubstituted by C_1-C_4-alkyl, C_1-C_4-alkoxy, fluorine, chlorine, bromine, C_1-C_2-haloalkyl, C_1-C_2-haloalkoxy, cyano or nitro;~~

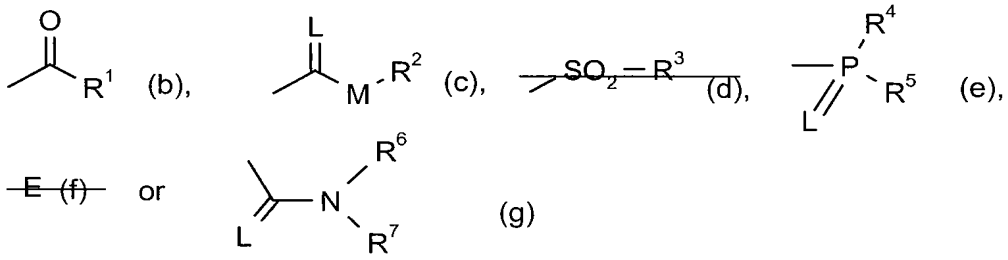
A represents ~~hydrogen; or~~ C_1-C_4-alkyl[[,]]; ~~C_1-C_4-alkenyl or C_1-C_3-alkoxy-C_1-C_2-alkyl, each of which is optionally mono- to trisubstituted by fluorine;~~

D represents C_1-C_4-alkyl; ~~hydrogen; C_1-C_{10}-alkyl, C_3-C_6-alkenyl, C_1-C_6-alkoxy-C_1-C_4-alkyl or C_1-C_6-alkylthio-C_1-C_4-alkyl, each of which is optionally mono- to trisubstituted by fluorine; C_3-C_7-cycloalkyl in which optionally one methylene group is replaced by oxygen or sulfur and which is optionally monosubstituted by fluorine, C_1-C_4-alkyl, C_1-C_4-alkoxy or~~

~~C_1-C_2-haloalkyl; in each case optionally fluorine-, chlorine-, bromine-, C_1-C_4-alkyl-, C_1-C_2-haloalkyl-, C_1-C_4-alkoxy- or C_1-C_2-haloalkoxy-substituted phenyl or phenyl-C_1-C_4-alkyl;~~ or

A and D together represent ~~optionally mono- or disubstituted C_3-C_5-alkanediyl or~~ C_3-C_5-alkenediyl in which optionally one methylene group may be replaced by ~~a carbonyl group,~~ oxygen ~~or sulfur, wherein the substituents are hydroxyl, C_1-C_6-alkyl or C_1-C_4-alkoxy;~~

G represents hydrogen (a) or



in which

~~E represents a metal ion equivalent or an ammonium ion;~~

L represents oxygen or sulfur;

M represents oxygen ~~or sulfur~~;

R^1 represents C_1-C_4-alkyl; ~~C_1-C_{16}-alkyl, C_2-C_{16}-alkenyl, C_1-C_6-alkoxy-C_1-C_4-alkyl, C_1-C_6-alkylthio-C_1-C_4-alkyl, each of which is optionally mono- to pentasubstituted by fluorine or chlorine; or C_3-C_7-cycloalkyl in which optionally one or two not directly adjacent ring members are replaced by oxygen and/or sulfur and which is optionally mono- or disubstituted by fluorine, chlorine, C_1-C_5-alkyl or C_1-C_5-alkoxy;~~

~~phenyl which is optionally mono- or disubstituted by fluorine, chlorine, bromine, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_3-haloalkyl, C_1-C_3-haloalkoxy, C_1-C_4-alkylthio or C_1-C_4-alkylsulfonyl;~~

~~phenyl-C_1-C_4-alkyl which is optionally mono- or disubstituted by fluorine, chlorine, bromine, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_3-haloalkyl or C_1-C_3-haloalkoxy;~~

~~pyrazolyl, thiazolyl, pyridyl, pyrimidyl, furanyl or thienyl, each of which is optionally mono- or disubstituted by fluorine, chlorine, bromine, C_1-C_4-alkyl, trifluoromethyl or C_1-C_2-alkoxy;~~

R^2 represents C_1-C_4-alkyl; ~~C_1-C_{16}-alkyl, C_2-C_{16}-alkenyl or C_1-C_6-alkoxy-C_2-C_6-alkyl, each of which is optionally mono- to pentasubstituted by fluorine;~~

~~C_3-C_7-cycloalkyl which is optionally mono- or disubstituted by fluorine, chlorine, C_1-C_4-alkyl or C_1-C_4-alkoxy; or~~

~~phenyl or benzyl, each of which is optionally mono- or disubstituted by fluorine, chlorine, bromine, cyano, nitro, C_1-C_4-alkyl, C_1-C_3-alkoxy, C_1-C_2-haloalkyl or C_1-C_2-haloalkoxy;~~

~~R^3 represents C_1-C_6-alkyl which is optionally mono- to pentasubstituted by fluorine; or phenyl which is optionally mono- or disubstituted by fluorine, chlorine, bromine, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_3-haloalkyl, C_1-C_3-haloalkoxy, cyano or nitro,~~

R^4 represents ~~C_1-C_6-alkyl, C_1-C_6-alkoxy~~ C_1-C_4-alkoxy [[,]]; ~~C_1-C_6-alkylamino, di-(C_1-C_6-alkyl)amino, C_1-C_6-alkylthio, C_3-C_4-alkenylthio, C_3-C_6-cycloalkylthio, each of which is optionally mono- to trisubstituted~~

~~by fluorine; or phenyl, phenoxy or phenylthio, each of which is optionally mono- or disubstituted by fluorine, chlorine, bromine, nitro, cyano, C_1-C_3-alkoxy, C_1-C_3-haloalkoxy, C_1-C_3-alkylthio, C_1-C_3-haloalkylthio, C_1-C_3-alkyl or C_1-C_3-haloalkyl;~~

R^5 represents C_1-C_4-alkoxy ~~C_1-C_6-alkoxy or C_1-C_6-alkylthio~~;

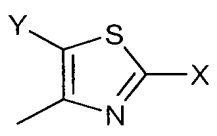
R^6 represents C_1-C_4-alkyl; ~~C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_1-C_6-alkoxy, C_3-C_6-alkenyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, each of which is mono- to trisubstituted by fluorine; phenyl which is optionally mono- or disubstituted by fluorine, chlorine, bromine, C_1-C_3-haloalkyl, C_1-C_4-alkyl or C_1-C_4-alkoxy; benzyl which is optionally mono- or disubstituted by fluorine, chlorine, bromine, C_1-C_4-alkyl, C_1-C_3-haloalkyl or C_1-C_4-alkoxy;~~

R^7 represents hydrogen, C_1-C_4-alkyl. ~~C_1-C_6-alkyl, C_3-C_6-alkenyl; or~~

~~R^6 and R^7 together represent a C_4-C_5-alkylene radical in which optionally one methylene group is replaced by oxygen or sulfur and which is optionally mono- or disubstituted by methyl or ethyl.~~

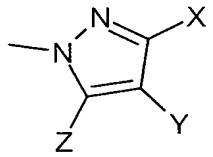
4. (Currently amended) The compound of the formula (I) as claimed in claim 2 in which

Het represents



(I-1)

or



(I-3)

X represents methyl, ethyl, propyl, trifluoromethyl; phenyl which is optionally mono- or disubstituted by fluorine, chlorine, bromine, methyl, ethyl, trifluoromethyl, isopropyl, tert-butyl, trifluoromethoxy, methoxy, ethoxy, isopropoxy, tert-butoxy, cyano or nitro;

Y represents hydrogen in the case of Het (I-3); or methyl, ethyl, propyl, chlorine or bromine in the case of Het (I-1);

Z represents methyl, ethyl, propyl, isopropyl[[,]]; ~~methoxy, ethoxy, propoxy, isopropoxy, difluoromethoxy or trifluoroethoxy;~~

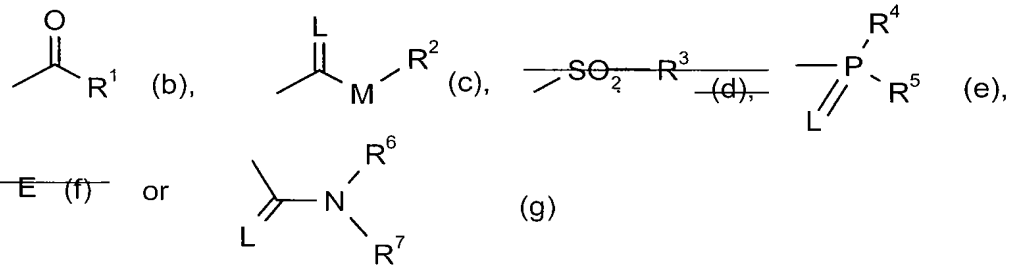
A represents ~~hydrogen,~~ methyl or ethyl;

D represents ~~hydrogen;~~ methyl, ethyl, allyl[[,]]; ~~each of which is optionally mono- to trisubstituted by fluorine; or phenyl which is optionally mono- or disubstituted by fluorine, chlorine, methyl, ethyl, n-propyl, isopropyl, methoxy, ethoxy, trifluoromethyl or trifluoromethoxy;~~

or

A and D together represent optionally substituted C_3-C_5-alkanediyl in which optionally one carbon atom is replaced by oxygen ~~and which is optionally mono- or disubstituted by methyl, ethyl, methoxy or ethoxy~~;

G represents hydrogen (a) or



in which

~~E represents a metal ion equivalent or an ammonium ion;~~

L represents oxygen or sulfur;

M represents oxygen ~~or sulfur~~;

R^1 represents C_1-C_4-alkyl ~~C_1-C_8-alkyl~~[[,]]; ~~C_2-C_8-alkenyl, C_1-C_2-alkoxy-C_1-C_2-alkyl, C_1-C_2-alkylthio-C_1-C_2-alkyl, each of which is optionally mono- to trisubstituted by fluorine; or cyclopropyl, cyclopentyl or cyclohexyl, each of which is optionally monosubstituted by fluorine, chlorine, methyl, ethyl or methoxy;~~

~~phenyl which is optionally mono- or disubstituted by fluorine, chlorine, bromine, cyano, nitro, methyl, ethyl, tert-butyl, methoxy, ethoxy, trifluoromethyl or trifluoromethoxy;~~

~~thienyl or pyridyl, each of which is optionally monosubstituted by fluorine, chlorine, bromine or methyl;~~

R^2 represents ~~C_1-C_8-alkyl~~ C_1-C_4-alkyl [[,]]; ~~C_2-C_8-alkenyl or C_1-C_4-alkoxy-C_2-C_3-alkyl, each of which is optionally mono- to trisubstituted by fluorine;~~

~~cyclohexyl which is optionally monosubstituted by fluorine, chlorine, methyl, ethyl, n-propyl, isopropyl or methoxy;~~

~~or phenyl or benzyl, each of which is optionally monosubstituted by fluorine, chlorine, cyano, nitro, methyl, ethyl, methoxy, trifluoromethyl or trifluoromethoxy;~~

~~R^3 represents methyl, ethyl, n-propyl; or phenyl which is optionally monosubstituted by fluorine, chlorine, bromine, methyl, tert-butyl, methoxy, trifluoromethyl, trifluoromethoxy, cyano or nitro;~~

R^4 represents ~~C_1-C_4-alkyl,~~ C_1-C_4-alkoxy[[,]]; ~~C_1-C_4-alkylamino, di-(C_1-C_4-alkyl)amino, C_1-C_4-alkylthio, each of which is optionally mono- to trisubstituted by fluorine; or phenyl, phenoxy or phenylthio, each of which is optionally monosubstituted by fluorine, chlorine, bromine, nitro, cyano, C_1-C_2-alkoxy, C_1-C_2-fluoroalkoxy, C_1-C_2-alkylthio, C_1-C_2-fluoroalkylthio or C_1-C_3-alkyl;~~

R^5 represents methoxy, ethoxy[[,]]; ~~methylthio or ethylthio;~~

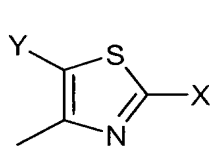
R^6 represents C_1-C_4-alkyl[[,]]; ~~C_3-C_6-cycloalkyl, C_1-C_4-alkoxy, C_3-C_4-alkenyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, each of which is optionally mono- to trisubstituted by fluorine; phenyl which is optionally monosubstituted by fluorine, chlorine, bromine, trifluoromethyl, methyl or methoxy; benzyl which is optionally monosubstituted by fluorine, chlorine, bromine, methyl, trifluoromethyl or methoxy; and~~

R^7 represents hydrogen, methyl, ethyl, propyl. ~~or allyl; or~~

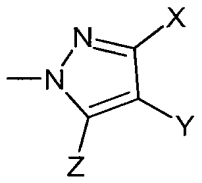
~~R^6 and R^7 together represent a C_5-C_6-alkylene radical in which optionally one methylene group is replaced by oxygen or sulfur.~~

5. (Currently amended) The compound of the formula (I) as claimed in claim 2 in which

Het represents


(I-1)

or


(I-3)

,

X represents phenyl which is optionally mono- or disubstituted by fluorine, chlorine, bromine, methyl, trifluoromethyl, methoxy or trifluoromethoxy;

Y represents hydrogen in the case of Het (I-3) or methyl, ethyl or propyl in the case of Het (I-1);

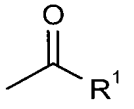
Z represents methyl, ethyl, propyl or isopropyl;

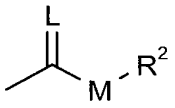
A represents methyl or ethyl;

D represents methyl or ethyl;

A and D represent C_3-C_5-alkanediyl in which optionally one carbon atom is replaced by an oxygen atom;

G represents hydrogen (a) or represents


(b),


(c),

in which

L represents oxygen;

M represents oxygen;

R^1 represents ~~C_1-C_8-alkyl~~ C_1-C_4-alkyl [[,]]; ~~C_2-C_4-alkenyl, C_1-C_2-alkoxy-C_1-C_2-alkyl, C_1-C_2-alkylthio-C_1-C_2-alkyl, cyclopropyl or cyclohexyl;~~

~~phenyl which is optionally monosubstituted by fluorine, chlorine, bromine, cyano, nitro, methyl, ethyl, tert-butyl, methoxy, tert-butoxy, trifluoromethyl or trifluoromethoxy,~~

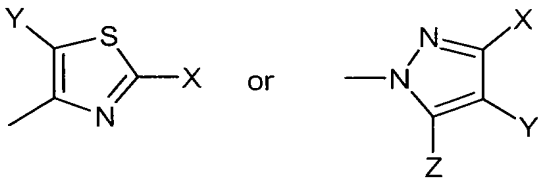
~~represents pyridyl which is optionally monosubstituted by chlorine or methyl;~~ and

R^2 represents ~~C_1-C_8-alkyl~~ C_1-C_4-alkyl [[,]]; ~~C_2-C_4-alkenyl or C_1-C_4-alkoxy-C_2-C_3-alkyl;~~

~~or phenyl or benzyl, each of which is optionally monosubstituted by fluorine, chlorine, cyano, nitro, methyl, ethyl, methoxy, trifluoromethyl or trifluoromethoxy.~~

6. (Currently amended) The compound of the formula (I) as claimed in claim 2 in which

Het represents



(I-1) (I-3)

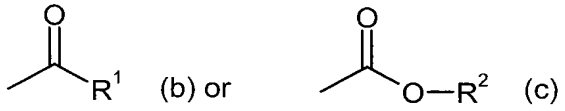
X represents phenyl which is optionally monosubstituted by chlorine;

Y represents hydrogen in the case of Het (I-3); or methyl or propyl in the case of Het (I-1);

Z represents methyl or propyl;

A and D represent C_3-C_5-alkanediyl in which optionally one carbon atom is replaced by an oxygen atom;

G represents hydrogen (a) or one of the groups

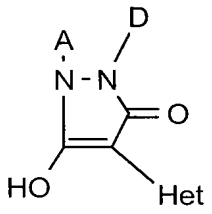


R^1 represents C_1-C_4-alkyl ~~C_1-C_8-alkyl~~; and

R^2 represents C_1-C_4-alkyl ~~C_1-C_8-alkyl~~.

7. (Currently amended) A process for preparing compounds of the formula (I) as claimed in claim 2, comprising

A) ~~contacting~~ obtaining a compound ~~compounds~~ of the formula ~~formulae(I-1-a) to (I-4-a),~~

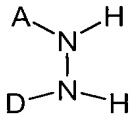


~~(I-1-a) to (I-4-a)~~

in which

A, D and Het are as defined in claim 2 ~~above~~,

by contacting ~~compounds~~ a compound of the formula (II)

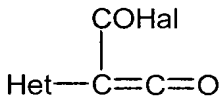


(II)

in which

A and D are as defined above

a) with a compound ~~compounds~~ of the formula (III)



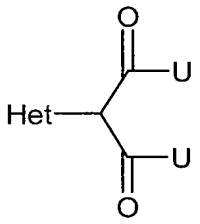
(III)

in which

Het is as defined above,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid acceptor, or

b) with a compound ~~compounds~~ of the formula (IV)



(IV)

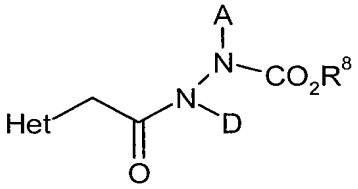
in which

Het is as defined above

and U represents O-R^8, where R^8 = C_1-C_4-alkyl, ~~C_1-C_8-alkyl~~,

~~if appropriate~~ optionally in the presence of a diluent and optionally ~~if appropriate~~ in the presence of a base, or

c) with a compound ~~compounds~~ of the formula (V)



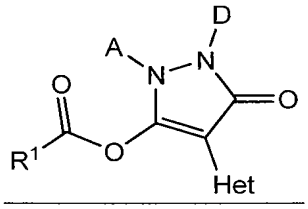
(V)

in which

A, D, Het and R^8 are as defined above,

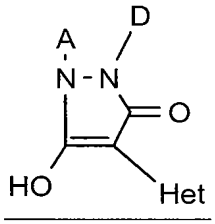
~~if appropriate~~ optionally in the presence of a diluent and optionally ~~if appropriate~~ in the presence of a base,

(B) ~~contacting~~ obtaining a compound ~~compounds~~ of the formula ~~formulae (I-1-b) to (I-4-b) shown above~~



in which A, D, R^1 and Het are as defined above,

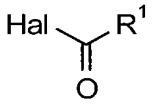
by contacting a compound of the formula



~~compounds of the formulae (I-1-a) to (I-4-a) shown above~~

in which A, D and Het are as defined above ~~are in each case~~

(a) with ~~acid halides~~ an acid halide of the formula (VI)



(VI)

in which

R^1 is ~~as defined above~~ represents C_1-C_4-alkyl and

Hal represents halogen

or

(b) with a carboxylic anhydride ~~carboxylic anhydrides~~ of the formula (VII)

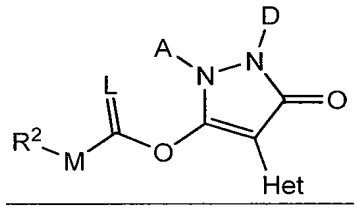
$$R^1\text{-CO-O-CO-}R^1 \qquad \text{(VII)}$$

in which

R^1 is as defined above,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder;

(C) ~~contacting compounds of the formulae (I-1-c) to (I-4-c) shown above~~ obtaining a compound of the formula



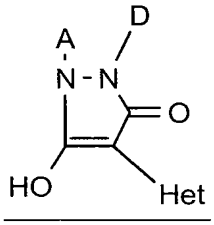
in which A, D, ~~R^2~~, ~~M~~ and Het are as defined above, ~~and~~

L represents oxygen,

M represents oxygen, and

R^2 represents C_1-C_4-alkyl,

~~compounds of the formulae (I-1-a) to (I-4-a) shown above~~ by contacting a compound of the formula



in which A, D and Het are as defined above ~~are in each case~~

with ~~chloroformic esters or chloroformic thioesters~~ a chloroformic ester or chloroformic thioester of the formula (VIII)

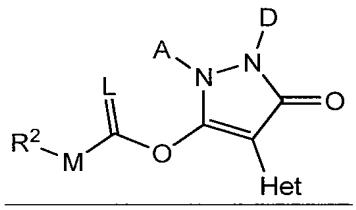
$$R^2\text{-M-CO-Cl} \qquad \text{(VIII)}$$

in which

R^2 and M are as defined above,

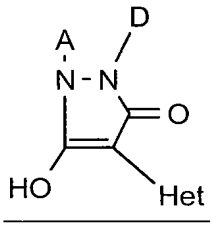
~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder;

(D) ~~contacting compounds of the formulae (I-1-c) to (I-4-c) shown above~~ obtaining a compound of the formula



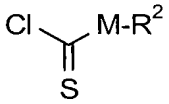
in which A, D, R^2, M and Het are as defined above and L represents sulfur,

~~compounds of the formulae (I-1-a) to (I-4-a) shown above~~ by contacting a compound of the formula



in which A, D and Het are as defined above ~~are in each case~~

~~with chloromonothioformic esters or chlorodithioformic esters~~ with A chloromonothioformic ester or A chlorodithioformic ester of the formula (IX)



(IX)

in which

M and R^2 are as defined above,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder,

~~(E) contacting compounds of the formulae (I-1-d) to (I-4-d) shown above~~

~~in which A, D, R^3 and Het are as defined above, compounds of the formulae (I-1-a) to (I-4-a) shown above in which A, D and Het are as defined above are in each case~~

~~with sulfonyl chlorides of the formula (X)~~

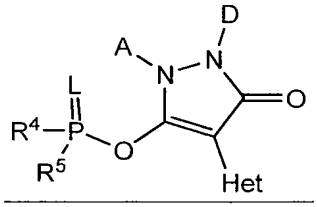
~~R^3-SO_2-Cl (X)~~

~~in which~~

~~R^3 is as defined above,~~

~~if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder,~~

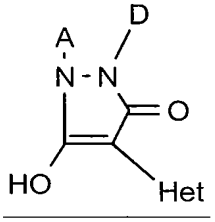
(F) ~~contacting compounds of the formulae (I-1-e) to (I-4-e) shown above~~ obtaining a compound of the formula



in which A, D, L, ~~R^4, R^5~~ and Het are as defined above,

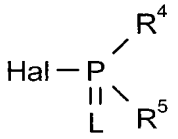
R^4, R^5 are as defined in claim 2,

~~compounds of the formulae (I-1-a) to (I-4-a) shown above~~ by contacting a compound of the formula



in which A, D and Het are as defined above ~~are in each case~~

with ~~phosphorus compounds~~ a phosphorus compound of the formula (XI)



(XI)

in which

L, R^4 and R^5 are as defined above and

Hal represents halogen,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder,

~~(G) contacting compounds of the formulae (I-1-f) to (I-4-f) shown above in which A, D, E and Het are as defined above, compounds of the formulae (I-1-a) to (I-4-a) in which A, D and Het are as defined above are in each case~~

~~with metal compounds or amines of the formulae (XII) and (XIII), respectively,~~

~~$Me(OR^{10})_t$ (XII)~~ ~~$HN(R^{10})(R^{11})$~~ ~~(XIII)~~

~~in which~~

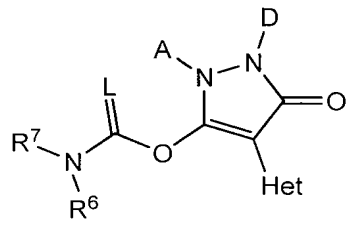
~~Me represents a mono- or divalent metal~~

~~t represents the number 1 or 2 and~~

~~R^{10}, R^{11}, R^{12} independently of one another represent hydrogen or alkyl,~~

~~if appropriate in the presence of a diluent,~~

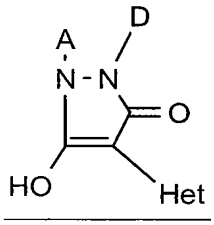
(H) ~~contacting compounds of the formulae (I-1-g) to (I-4-g) shown above~~ obtaining a compound of the formula



in which A, D, L, ~~R^6, R^7~~ and Het are as defined above,

R^6, R^7 are as defined in claim 2,

~~compounds of the formulae (I-1-a) to (I-4-a) shown above~~ by contacting a compound of the formula



in which A, D and Het are as defined above ~~are in each case~~

(a) with ~~isocyanates or isothiocyanates~~ an isocyanate or an isothiocyanate of the formula (XIV)

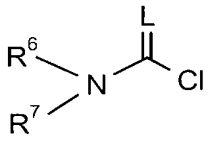
$$R^6\text{-}N{=}C{=}L \qquad \text{(XIV)}$$

in which

R^6 and L are as defined above,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of a catalyst, or

(b) with ~~carbamide chlorides or thiocarbamide chlorides~~ a carbamide chloride or a thiocarbamide chloride of the formula (XV)



(XV)

in which

L, R^6 and R^7 are as defined above,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder.

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Currently amended) A pesticide or herbicide or both, ~~characterized in that it comprises~~ comprising at least one compound of the formula (I) as claimed in claim 2.

14. (Previously presented) A method for controlling animal pests and/or unwanted vegetation, comprising: allowing compounds of the formula (I) as claimed in claim 2 to act on the vegetation, the pests and/or their habitat.

15. (Canceled)

16. (Currently amended) A process for preparing pesticides ~~and/or~~ or herbicides, comprising: mixing compounds of the formula (I) as claimed in claim 2 with extenders ~~and/or~~ or surfactants.

17. (Cancelled)

18. (Currently amended) A composition, comprising an effective amount of an active compound combination comprising, as components

(a') at least one ~~hetaryl-substituted pyrazolidinedione derivative~~ compound of the formula (I) in which A, D, G and Het are as defined in claim 2,

and

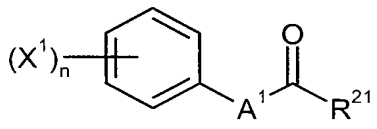
(b') at least one crop plant compatibility-improving compound selected from the group consisting of:

4-dichloroacetyl-1-oxa-4-azaspiro[4.5]decane (AD-67, MON-4660), 1-dichloroacetylhexahydro-3,3,8a-trimethylpyrrolo[1,2-a]pyrimidin-6(2H)-one (dicyclonon, BAS-145138), 4-dichloroacetyl-3,4-dihydro-3-methyl-2H-1,4-benzoxazine (benoxacor), 1-methylhexyl 5-chloroquinoline-8-oxyacetate (cloquintocet-mexyl ~~– cf. also related compounds in EP-A-86750, EP-A-94349, EP-A-191736, EP-A-492366~~), 3-(2-chlorobenzyl)-1-(1-methyl-1-phenylethyl)urea (cumyluron), α-(cyanomethoximino)phenylacetonitrile (cyometrinil), 2,4-dichlorophenoxyacetic acid (2,4-D), 4-(2,4-dichlorophenoxy)butyric acid (2,4-DB), 1-(1-methyl-1-phenylethyl)-3-(4-methylphenyl)urea (daimuron, dymron), 3,6-dichloro-2-methoxybenzoic acid (dicamba), S-1-methyl 1-phenylethyl piperidine-1-thiocarboxylate (dimepiperate), 2,2-dichloro-N-(2-oxo-2-(2-propenylamino)ethyl)-N-(2-propenyl)acetamide (DKA-24), 2,2-dichloro-N,N-di-2-propenylacetamide (dichlormid), 4,6-dichloro-2-phenylpyrimidine (fenclorim), ethyl 1-(2,4-dichlorophenyl)-5-trichloromethyl-1H-1,2,4-triazole-3-carboxylate (fenchlorazole-ethyl - cf. also related compounds in EP-A-174562 and EP-A-346620), phenylmethyl 2-chloro-4-trifluoromethylthiazole-5-carboxylate (flurazole), 4-chloro-N-(1,3-dioxolan-2-ylmethoxy)-α-trifluoroacetophenone oxime (fluxofenim), 3-dichloroacetyl-5-(2-furanyl)-2,2-dimethyloxazolidine (furilazole, MON-13900), ethyl 4,5-dihydro-5,5-diphenyl-3-isoxazolecarboxylate (isoxadifen-ethyl ~~– cf. also related compounds in WO-A-95/07897~~), 1-(ethoxycarbonyl)ethyl 3,6-dichloro-2-methoxybenzoate (lactidichlor), (4-chloro-o-tolyloxy)acetic acid (MCPA), 2-(4-chloro-o-tolyloxy)propionic acid (mecoprop), diethyl 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-1H-pyrazole-3,5-dicarboxylate (mefenpyr-diethyl ~~– cf. also related compounds in WO-A-91/07874~~), 2-dichloromethyl-2-methyl-1,3-dioxolane (MG-191), 2-propenyl 1-oxa-4-azaspiro[4.5]decane-4-carbodithioate (MG-838), 1,8-naphthalic anhydride, α-(1,3-dioxolan-2-ylmethoximino)-phenylacetonitrile (oxabetrinil), 2,2-dichloro-N-(1,3-dioxolan-2-ylmethyl)-N-(2-

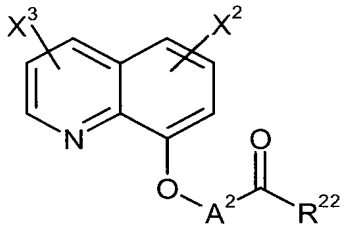
propenyl)acetamide (PPG-1292), 3-dichloroacetyl-2,2-dimethyloxazolidine (R-28725), 3-dichloroacetyl-2,2,5-trimethyloxazolidine (R-29148), 4-(4-chloro-o-tolyl)butyric acid, 4-(4-chlorophenoxy)butyric acid, diphenylmethoxyacetic acid, methyl diphenylmethoxyacetate, ethyl diphenylmethoxyacetate, methyl 1-(2-chlorophenyl)-5-phenyl-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-methyl-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-isopropyl-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-(1,1-dimethylethyl)-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-phenyl-1H-pyrazole-3-carboxylate ~~(cf. also related compounds in EP-A-269806 and EP-A-333131)~~, ethyl 5-(2,4-dichlorobenzyl)-2-isoxazoline-3-carboxylate, ethyl 5-phenyl-2-isoxazoline-3-carboxylate, ethyl 5-(4-fluorophenyl)-5-phenyl-2-isoxazoline-3-carboxylate ~~(cf. also related compounds in WO-A-91/08202)~~, 1,3-dimethylbut-1-yl 5-chloroquinoline-8-oxyacetate, 4-allyloxybutyl 5-chloroquinoline-8-oxyacetate, 1-allyloxyprop-2-yl 5-chloroquinoline-8-oxyacetate, methyl 5-chloroquinoxaline-8-oxyacetate, ethyl 5-chloroquinoline-8-oxyacetate, allyl 5-chloroquinoxaline-8-oxyacetate, 2-oxoprop-1-yl 5-chloroquinoline-8-oxyacetate, diethyl 5-chloroquinoline-8-oxymalonate, diallyl 5-chloroquinoxaline-8-oxymalonate, diethyl 5-chloroquinoline-8-oxymalonate ~~(cf. also related compounds in EP-A-582198)~~, 4-carboxychroman-4-ylacetic acid ~~(AC-304415, cf. EP-A-613618)~~, 4-chlorophenoxyacetic acid, 3,3'-dimethyl-4-methoxybenzophenone, 1-bromo-4-chloromethylsulfonylbenzene, 1-[4-(N-2-methoxybenzoylsulfamoyl)phenyl]-3-methylurea (also known as N-(2-methoxybenzoyl)-4-[(methylaminocarbonyl)amino]benzenesulfonamide), 1-[4-(N-2-methoxybenzoylsulfamoyl)phenyl]-3,3-dimethylurea, 1-[4-(N-4,5-dimethylbenzoylsulfamoyl)phenyl]-3-methylurea, 1-[4-(N-naphthylsulfamoyl)-phenyl]-3,3-dimethylurea, N-(2-methoxy-5-methylbenzoyl)-4-(cyclopropylaminocarbonyl)benzenesulfonamide,

~~and/or~~ one of the following compounds,

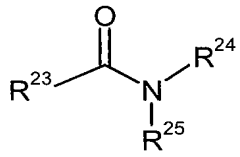
of the general formula (IIa)



or of the general formula (IIb)

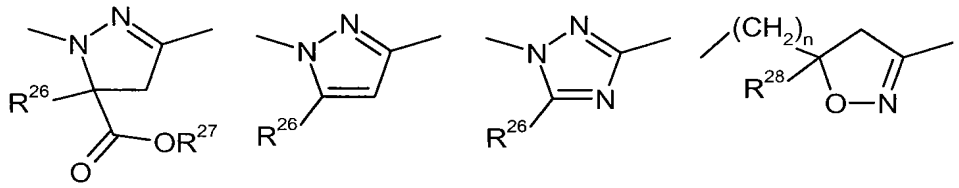


or of the formula (IIc)



where

A^1 represents one of the divalent heterocyclic groupings shown below,



n represents a number between 0 and 5,

A^2 represents optionally C_1-C_4-alkyl- ~~and/or~~ or C_1-C_4-alkoxycarbonyl-substituted alkanediyl having 1 or 2 carbon atoms;

R^{21} represents hydroxyl, mercapto, amino, C_1-C_6-alkoxy, C_1-C_6-alkylthio, C_1-C_6-alkylamino or di-(C_1-C_4-alkyl)amino;

R^{22} represents hydroxyl, mercapto, amino, C_1-C_6-alkoxy, C_1-C_6-alkylthio, C_1-C_6-alkylamino or di-(C_1-C_4-alkyl)amino;

R^{23} represents in each case optionally fluorine-, chlorine- ~~and/or~~ or bromine-substituted C_1-C_4-alkyl;

R^{24} represents hydrogen, in each case optionally fluorine-, chlorine- ~~and/or~~ or bromine-substituted C_1-C_6-alkyl, C_2-C_6-alkenyl or C_2-C_6-alkynyl; C_1-C_4-alkoxy-C_1-C_4-alkyl, dioxolanyl-C_1-C_4-alkyl, furyl, furyl-C_1-C_4-alkyl, thienyl, thiazolyl, piperidinyl; or optionally fluorine-, chlorine- ~~and/or~~ or bromine- or C_1-C_4-alkyl-substituted phenyl;

R^{25} represents hydrogen, in each case optionally fluorine-, chlorine- and/or bromine-substituted C_1-C_6-alkyl, C_2-C_6-alkenyl or C_2-C_6-alkynyl; C_1-C_4-alkoxy-C_1-C_4-alkyl, dioxolanyl-C_1-C_4-alkyl, furyl, furyl-C_1-C_4-alkyl, thienyl, thiazolyl, piperidinyl; or optionally fluorine-, chlorine- ~~and/or~~ or bromine- or C_1-C_4-alkyl-substituted phenyl; or together with R^{24} represents C_3-C_6-alkanediyl or C_2-C_5-oxaalkanediyl, each of which is optionally substituted by C_1-C_4-alkyl, phenyl, furyl, a fused benzene ring or by two substituents which, together with the C atom to which they are attached, form a 5- or 6-membered carbocycle;

R^{26} represents hydrogen, cyano, halogen, or represents in each case optionally fluorine-, chlorine- ~~and/or~~ or bromine-substituted C_1-C_4-alkyl, C_3-C_6-cycloalkyl or phenyl;

R^{27} represents hydrogen or in each case optionally hydroxyl-, cyano-, halogen- or C_1-C_4-alkoxy-substituted C_1-C_6-alkyl, C_3-C_6-cycloalkyl or tri(C_1-C_4-alkyl)silyl;

R^{28} represents hydrogen, cyano, halogen, or represents in each case optionally fluorine-, chlorine- ~~and/or~~ or bromine-substituted C_1-C_4-alkyl, C_3-C_6-cycloalkyl or phenyl;

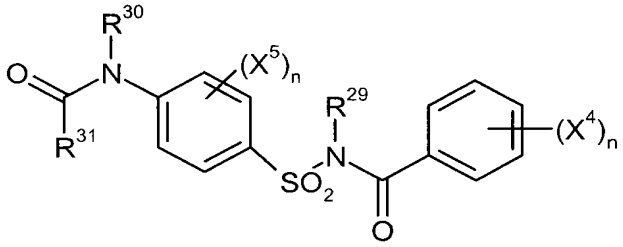
X^1 represents nitro, cyano, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy or C_1-C_4-haloalkoxy;

X^2 represents hydrogen, cyano, nitro, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy or C_1-C_4-haloalkoxy; and

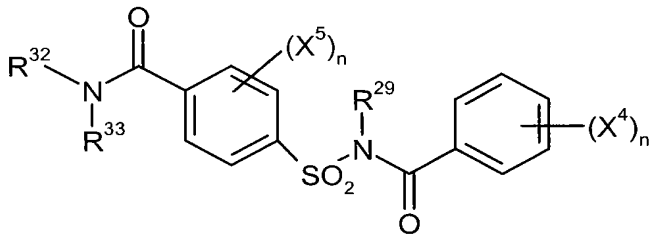
X^3 represents hydrogen, cyano, nitro, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy or C_1-C_4-haloalkoxy;

~~and/or~~ and one of the following compounds,

of the general formula (IId)



or of the general formula (IIe)



(IIe)

where

n represents a number between 0 and 5;

R^{29} represents hydrogen or C_1-C_4-alkyl;

R^{30} represents hydrogen or C_1-C_4-alkyl;

R^{31} represents hydrogen; in each case optionally cyano-, halogen- or C_1-C_4-alkoxy-substituted C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_6-alkylthio, C_1-C_6-alkylamino or di-

(C_1-C_4-alkyl)amino; or in each case optionally cyano-, halogen- or C_1-C_4-alkyl-substituted C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyloxy, C_3-C_6-cycloalkylthio or C_3-C_6-cycloalkylamino;

R^{32} represents hydrogen; optionally cyano-, hydroxyl-, halogen- or C_1-C_4-alkoxy-substituted C_1-C_6-alkyl; in each case optionally cyano- or halogen-substituted C_3-C_6-alkenyl or C_3-C_6-alkynyl; or optionally cyano-, halogen- or C_1-C_4-alkyl-substituted C_3-C_6-cycloalkyl;

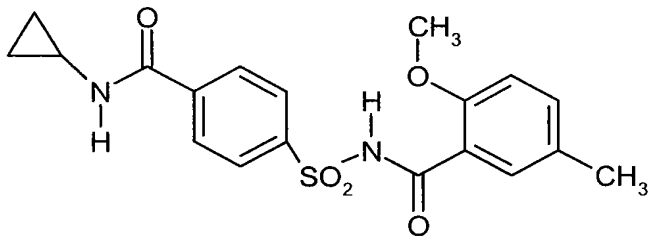
R^{33} represents hydrogen; optionally cyano-, hydroxyl-, halogen- or C_1-C_4-alkoxy-substituted C_1-C_6-alkyl; in each case optionally cyano- or halogen-substituted C_3-C_6-alkenyl or C_3-C_6-alkynyl; optionally cyano-, halogen- or C_1-C_4-alkyl-substituted C_3-C_6-cycloalkyl; or optionally nitro-, cyano-, halogen-, C_1-C_4-alkyl-, C_1-C_4-haloalkyl-, C_1-C_4-alkoxy- or C_1-C_4-haloalkoxy-substituted phenyl; or together with R^{32} represents in each case optionally C_1-C_4-alkyl-substituted C_2-C_6-alkanediyl or C_2-C_5-oxaalkanediyl;

X^4 represents nitro, cyano, carboxyl, carbamoyl, formyl, sulfamoyl, hydroxyl, amino, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy or C_1-C_4-haloalkoxy; and

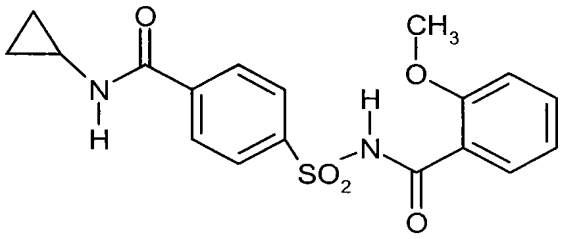
X^5 represents nitro, cyano, carboxyl, carbamoyl, formyl, sulfamoyl, hydroxyl, amino, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy or C_1-C_4-haloalkoxy.

19. (Previously presented)A composition as claimed in claim 18 where the crop plant compatibility-improving compound is selected from the group consisting of:

cloquintocet-mexyl, fenchlorazole-ethyl, isoxadifen-ethyl, mefenpyr-diethyl, furilazole, fenclorim, cumyluron, dymron or the compounds



and

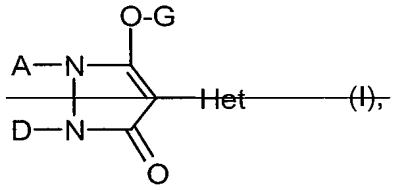


20. (Previously presented) The composition as claimed in any one of claims 18 or 19 where the crop plant compatibility-improving compound is cloquintocet-mexyl or mefenpyr-diethyl.

21. (Previously presented) A method for controlling unwanted vegetation, comprising: allowing a composition as claimed in claim 18 to act on the vegetation ~~the plants~~ or ~~their~~ the vegetation's habitat.

22. (Cancelled)

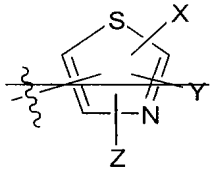
23. (Currently amended) A method for controlling unwanted vegetation, comprising ~~a)~~ allowing ~~a compound of the formula (Iand b) allowing the crop plant compatibility-improving compound as claimed in~~ the composition of claim 18 to act on the vegetation ~~plants~~ or the vegetation's ~~of their~~ habitat separately, one soon after the other, or together. ~~wherein said compound of formula (I) is selected from the group consisting of:~~



(I),

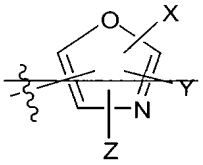
~~in which~~

~~Het represents in each case optionally substituted~~



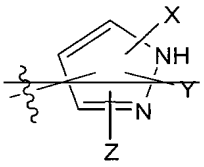
~~(A)~~

~~thiazolyl (A),~~



~~(B)~~

~~oxazolyl (B)~~



~~(C)~~

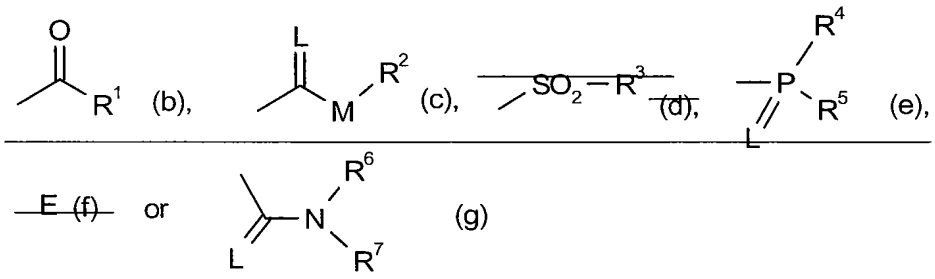
~~or pyrazolyl (C),~~

~~A represents hydrogen, or alkyl, alkenyl or alkoxy, each optionally halogen-substituted,~~

~~D represents hydrogen or an optionally substituted radical from the group consisting of alkyl, alkenyl, alkynyl, alkoxyalkyl, polyalkoxyalkyl, alkylthioalkyl, and a saturated or unsaturated cycloalkyl in which optionally one or more ring members are replaced by heteroatoms, arylalkyl, aryl, hetarylalkyl or hetaryl, or~~

~~A and D together with the atoms to which they are attached represent a saturated or unsaturated cycle which is unsubstituted or substituted in the A, D moiety and optionally contains at least one heteroatom,~~

~~G represents hydrogen (a),~~



~~in which~~

~~E represents a metal ion equivalent or an ammonium ion;~~

~~L represents oxygen or sulfur;~~

~~M represents oxygen or sulfur;~~

~~R^1 represents alkyl, alkenyl, alkoxyalkyl, alkylthioalkyl, polyalkoxyalkyl, each optionally cyano- or halogen-substituted; optionally halogen-, alkyl- or alkoxy-substituted cycloalkyl which may be interrupted by at least one heteroatom; or phenyl, phenylalkyl, hetaryl, phenoxyalkyl or hetaryloxyalkyl, each optionally substituted;~~

~~R^2 represents alkyl, alkenyl, alkoxyalkyl, polyalkoxyalkyl, each optionally halogen-substituted; or cycloalkyl, phenyl or benzyl, each optionally substituted;~~

~~R^3 represents alkyl, haloalkyl, or phenyl or benzyl, each optionally substituted;~~

~~R^4 and R^5 independently of one another represent alkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkenylthio, cycloalkylthio, each case optionally halogen-substituted; or phenyl, benzyl, phenoxy or phenylthio, each optionally substituted;~~

~~R^6 and R^7 independently of one another represent hydrogen; alkyl, cycloalkyl, alkenyl, alkoxy, alkoxyalkyl, each optionally halogen-substituted; optionally substituted phenyl; optionally substituted benzyl; or together with the nitrogen atom to which they are attached represent a cycle which is optionally interrupted by oxygen or sulfur.~~